

Day AvgOfmthn AvgOfco2\_cc AvgOfn2\_cor Total Inerts r AVG ethane Average Dail Average Hun HHV AGV Average Wol Daily average H2S mg/m3

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.

PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572

ZONA DE MEDICIÓN: RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Dióxido de Carbono (% vol)	Nitrógeno (% vol)	Total inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfídrico (mg/m³)	Azufre total* (mg/m³)	Oxígeno* (% vol)
01/02/2014	95.3904	1.5494	0.1377	1.6872	2.1619	282.0900	20.2700	38.3805	49.9000	1.3100		
02/02/2014	95.4802	1.5385	0.1397	1.6782	2.1622	278.2900	19.3500	38.3156	49.8800	0.8700		
03/02/2014	95.5996	1.5125	0.1375	1.6501	2.0431	279.4600	16.2300	38.3161	49.8900	0.9600		
04/02/2014	95.6102	1.4228	0.1498	1.5727	2.1441	279.6100	16.0300	38.3478	49.9700	0.3900		
05/02/2014	95.5188	1.5241	0.1502	1.6743	2.1630	279.0400	14.5800	38.2872	49.8600	0.6800		
06/02/2014	95.4489	1.6404	0.1405	1.7810	2.1236	276.8500	12.1500	38.2368	49.7600	0.7600		
07/02/2014	95.2438	1.6492	0.1458	1.7950	2.2594	277.9300	11.9800	38.3342	49.8000	1.1200		
08/02/2014	95.4654	1.5219	0.1541	1.6760	2.2488	277.3000	12.7900	38.2835	49.8600	0.9500		
09/02/2014	95.5247	1.5969	0.1488	1.7457	2.1241	279.0200	15.0300	38.2740	49.7800	1.0300		
10/02/2014	95.4091	1.5446	0.1506	1.6952	2.2418	279.1100	20.9500	38.3145	49.8600	1.5300		
11/02/2014	95.0298	1.4911	0.1564	1.6476	2.6672	276.7500	16.1300	38.4495	49.9800	1.5000		
12/02/2014	95.4850	1.4542	0.1524	1.6066	2.3164	277.2600	16.2400	38.3150	49.9300	1.4300		
13/02/2014	95.4703	1.4582	0.1479	1.6062	2.2996	277.5600	16.7300	38.3378	49.9400	1.2600		
14/02/2014	95.5467	1.4984	0.1488	1.6473	2.1442	278.7000	22.7400	38.3088	49.8900	1.0200		
15/02/2014	95.5779	1.5510	0.1482	1.6992	2.0455	279.1600	23.7000	38.2745	49.8400	1.0900		
16/02/2014	95.6477	1.6319	0.1432	1.7751	1.9371	278.3800	24.6100	38.1885	49.7400	1.6700		
17/02/2014	95.6319	1.5899	0.1438	1.7337	2.0440	277.1500	25.2500	38.1933	49.7700	1.8500		
18/02/2014	95.3696	1.6404	0.1399	1.7804	2.1875	279.5200	25.6300	38.2759	49.7800	1.9000		
19/02/2014	95.2919	1.5274	0.1487	1.6761	2.3495	279.3100	25.8900	38.3711	49.9100	1.7900		
20/02/2014	95.4966	1.5031	0.1533	1.6565	2.1835	279.1300	29.3700	38.3184	49.8900	1.3400		
21/02/2014	95.5192	1.5223	0.1469	1.6692	2.1592	278.4900	23.9700	38.2973	49.8700	1.2500		
22/02/2014	95.5057	1.6294	0.1422	1.7716	2.0437	279.4400	22.5000	38.2490	49.7700	1.2000		
23/02/2014	95.6781	1.6079	0.1437	1.7516	1.9529	277.5200	23.9000	38.1812	49.7500	1.6600		
24/02/2014	95.2591	1.6227	0.1509	1.7736	2.3319	276.2800	25.8000	38.2923	49.8000	1.8100		
25/02/2014	95.6587	1.5347	0.1593	1.6940	2.1308	273.6800	26.1500	38.1736	49.7900	2.0200		
26/02/2014	95.7567	1.5734	0.1580	1.7315	2.0082	271.4100	20.9400	38.1118	49.7300	1.5000		
27/02/2014	95.5399	1.7615	0.1327	1.8943	1.9574	275.3700	17.5700	38.1172	49.6100	1.2400		
28/02/2014	95.5031	1.7780	0.1329	1.9110	1.9845	276.6800	20.4300	38.1168	49.6000	1.9200		
Mínimo	95.0298	1.4228	0.1327	1.5727	1.9371	271.4100	11.9800	38.1118	49.6000	0.3900		
Promedio	95.4878	1.5670	0.1466	1.7136	2.1577	277.8714	20.2464	38.2712	49.8268	1.3232		
Máximo	95.7567	1.7780	0.1593	1.9110	2.6672	282.0900	29.3700	38.4495	49.9800	2.0200		
Desv. Est.												

Observaciones:

Date MaxOfmthn\_cor MaxOfco2\_cont MaxOfn2\_cont Total Inerts max Max Ethane Max hourly HCDI Maximum Humid HVV MAX Maximum Wobb Max H2S mg/m3

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros máximos diarios)

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.  
PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572  
ZONA DE MEDICIÓN: RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfúrico (mg/m <sup>3</sup> )
01-02-14	95.6978	1.6958	0.1430	1.8295	2.4694	284.4300	22.4200	38.4501	49.9900	1.6800
02-02-14	95.5977	1.6398	0.1434	1.7675	2.3957	279.9800	22.6200	38.4054	49.9700	1.3500
03-02-14	95.9579	1.6130	0.1528	1.7469	2.3802	282.0700	17.5200	38.4724	50.0400	1.5200
04-02-14	95.9369	1.4958	0.1623	1.6398	2.4268	280.9500	17.4500	38.4985	50.1500	1.5100
05-02-14	95.8307	1.5770	0.1559	1.7266	2.2605	281.2700	16.7500	38.3271	49.9400	0.8300
06-02-14	95.6141	1.7366	0.1479	1.8709	2.2591	277.6500	13.4900	38.2973	49.8900	1.0500
07-02-14	95.6348	1.7217	0.1525	1.8595	2.4299	278.4000	12.1500	38.3756	49.8600	1.4700
08-02-14	95.5897	1.5860	0.1579	1.7379	2.3377	279.6400	14.0900	38.3420	49.9400	1.3400
09-02-14	95.7028	1.6362	0.1513	1.7838	2.2881	280.2700	17.4900	38.2996	49.8300	1.3400
10-02-14	95.6280	1.6117	0.1584	1.7602	2.4797	280.8700	24.3300	38.3867	49.9500	1.8800
11-02-14	95.5671	1.6368	0.1647	1.7745	3.0320	278.6300	18.5300	38.6475	50.1200	1.7100
12-02-14	95.9039	1.5472	0.1606	1.6933	2.5840	278.1600	18.2400	38.4128	50.0200	1.6600
13-02-14	95.6939	1.5035	0.1518	1.6518	2.5037	278.4100	18.4200	38.4016	50.0000	1.5800
14-02-14	95.8124	1.5783	0.1546	1.7222	2.4243	280.5600	28.0500	38.3942	49.9700	1.3200
15-02-14	95.8207	1.6325	0.1552	1.7767	2.1330	280.6300	26.8800	38.3271	49.9800	1.6100
16-02-14	95.8725	1.7557	0.1504	1.8933	2.0348	281.6000	28.1800	38.2750	49.8600	2.1600
17-02-14	95.9632	1.7409	0.1543	1.8741	2.2595	278.7200	27.8100	38.3048	49.9100	2.1800
18-02-14	95.6475	1.8263	0.1488	1.9529	2.4098	281.2800	28.2900	38.3979	49.9000	2.6300
19-02-14	95.6180	1.7007	0.1564	1.8371	2.5714	280.2600	28.5000	38.5209	50.0200	2.2700
20-02-14	95.6981	1.5512	0.1627	1.7022	2.2753	280.7400	38.3400	38.3495	49.9900	1.6500
21-02-14	95.9808	1.6090	0.1552	1.7548	2.2585	279.6600	27.1400	38.3607	49.9900	1.6600
22-02-14	95.7184	1.7189	0.1519	1.8560	2.1767	280.4000	24.5200	38.3607	49.8700	1.5900
23-02-14	95.8843	1.6696	0.1483	1.8092	2.0927	278.5900	26.8500	38.2601	49.8200	1.8500
24-02-14	95.5234	1.7493	0.1611	1.8971	2.4233	277.1000	27.2300	38.4426	49.9600	2.1200
25-02-14	96.0675	1.8533	0.1731	1.9908	2.2957	277.8300	28.2100	38.2601	50.0200	2.7500
26-02-14	96.0674	1.7587	0.1702	1.9058	2.1900	274.8400	26.9800	38.2675	49.8300	1.9900
27-02-14	95.6140	1.8579	0.1358	1.8868	2.0611	276.6400	19.0100	38.1893	49.7100	1.8200
28-02-14	95.6155	1.8405	0.1416	1.9733	2.0879	277.4800	23.2100	38.1744	49.6700	2.3500
<b>Máximo</b>	<b>96.0675</b>	<b>1.8579</b>	<b>0.1731</b>	<b>1.9908</b>	<b>3.0320</b>	<b>284.4300</b>	<b>38.3400</b>	<b>38.6475</b>	<b>50.1500</b>	

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros mínimos diarios)

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.  
 PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rodo (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/02/2014	95.1498	1.4522	0.1298	1.5864	1.9592	279.5300	18.0800	38.2973	49.7700	1.0500
02/02/2014	95.2951	1.4795	0.1336	1.6229	2.0423	276.7000	17.4700	38.2787	49.8000	0.6900
03/02/2014	95.2094	1.4008	0.1249	1.5527	1.7912	278.0200	14.7900	38.2265	49.7900	0.4500
04/02/2014	95.2197	1.2847	0.1358	1.4298	1.9410	278.5900	14.5200	38.2154	49.9000	0.1100
05/02/2014	95.3782	1.4031	0.1456	1.5564	2.0052	276.4000	13.2100	38.2526	49.8400	0.3700
06/02/2014	95.2862	1.5079	0.1331	1.6558	2.0065	276.2500	10.5400	38.1669	49.6800	0.3900
07/02/2014	94.9977	1.5420	0.1378	1.6892	2.0651	277.1000	11.5500	38.2303	49.7700	0.7200
08/02/2014	95.3264	1.4569	0.1496	1.6133	2.1776	275.8900	11.8600	38.2489	49.8200	0.7200
09/02/2014	95.3111	1.5494	0.1459	1.6998	1.9415	277.8500	12.3700	38.1669	49.7400	0.7400
10/02/2014	95.2210	1.4910	0.1461	1.6486	2.0239	275.8200	15.5600	38.2116	49.7900	1.1000
11/02/2014	94.6251	1.4119	0.1377	1.5601	2.2190	275.1600	15.0500	38.3010	49.8600	1.2900
12/02/2014	95.1570	1.3757	0.1437	1.5345	1.9299	275.8200	13.6700	38.1855	49.8500	1.2300
13/02/2014	95.2965	1.4002	0.1447	1.5476	2.0561	276.6700	14.5400	38.2750	49.8900	0.8200
14/02/2014	95.2012	1.3849	0.1426	1.5318	1.9649	277.1700	16.9400	38.2340	49.8100	0.8400
15/02/2014	95.4135	1.3694	0.1405	1.5183	1.9563	278.0900	20.3600	38.2452	49.7800	0.4300
16/02/2014	95.4619	1.5095	0.1369	1.6590	1.7910	276.4500	21.0900	38.0961	49.8200	1.4600
17/02/2014	95.3734	1.4711	0.1332	1.6139	1.7650	275.9200	22.0100	38.0551	49.6000	1.4700
18/02/2014	95.0988	1.4937	0.1266	1.6374	1.9975	276.9300	22.1500	38.2004	49.6500	1.3500
19/02/2014	94.7154	1.3568	0.1364	1.5030	2.2094	278.3200	22.0700	38.3346	49.8600	1.2400
20/02/2014	95.3944	1.4517	0.1481	1.6032	2.0665	277.5000	22.7900	38.2787	49.8500	0.3300
21/02/2014	95.3664	1.3187	0.1408	1.4635	1.9985	277.0400	21.1100	38.2265	49.7800	0.5300
22/02/2014	95.2655	1.5351	0.1352	1.6766	1.8952	277.5000	20.2800	38.1669	49.7100	0.4900
23/02/2014	95.4779	1.5584	0.1396	1.7067	1.8066	276.9300	20.4000	38.0849	49.6600	1.2900
24/02/2014	95.1198	1.4499	0.1410	1.6072	2.1350	275.3400	23.2100	38.1893	49.6900	1.3700
25/02/2014	95.2940	1.2270	0.1375	1.3879	1.7639	268.3100	24.4900	38.0304	49.5300	1.5500
26/02/2014	95.3777	1.4442	0.1417	1.6144	1.8053	268.8500	16.4600	37.9993	49.6200	0.6800
27/02/2014	95.4083	1.6837	0.1289	1.8183	1.8687	273.5300	15.6500	38.0142	49.4900	0.7100
28/02/2014	95.3601	1.7092	0.1282	1.8459	1.8594	276.0900	16.4000	38.0626	49.5400	1.5200
Mínimo	94.6251	1.2270	0.1249	1.3879	1.7639	268.3100	10.5400	37.9993	49.4900	0.1100

Observaciones: